

# The Schedule of KFUPM-SINOPEC “Innovative Technologies in P.E.” Workshop

Date		Time	Activity	Speaker	Organization	
May 1st	Chairman: Dr. Dhafer Al-Sheri	08:00-08:30	Registration			
		08:30-08:35	Opening Remarks	Prof. Nasser	KFUPM (Vice Rector for Research)	
		08:35-08:40	Opening Remarks	Prof. Zeng Yijin	SRIPE(Vice President for R&D)	
		08:40-08:45	Opening Remarks	Prof. Li Gensheng	China University of Petroleum (Vice Rector for Research )	
		08:45-09:00	PHOTO/BREAK			
		09:00-09:20	Presentation 1: Caves and Natural Fractures Diagnosis in Carbonate Reservoirs	Pang Wei	SINOPEC	
		09:20-09:40	Presentation 2: New Robust Model to Evaluate the Total Organic Carbon (TOC) Using Fuzzy Logic	Ahmed Mahmoud	KFUPM	
		09:40-10:00	Presentation 3: Near-surface velocity estimation using progressive inversion in depth domain focused on full waveform inversion	He Binhong	SINOPEC	
		10:00-10:20	Presentation 4: Development of a New Rate of Penetration Model Using Self-Adaptive Differential Evolution-Artificial Neural Network	Abdulmalik Saif	KFUPM	
		10:20-10:40	Coffee Break			
	Chairman: Mr. Feng Jiangpeng	10:40-11: 00	Presentation 5: Case analysis of automation and intelligent seismic processing technology	Hong Chengyu	SINOPEC	
		11:00-11:20	Presentation 6: A New Data-Driven Framework for Real-Time Prediction of the Formation Bulk Density Using Artificial Neural Network	Ahmed Gowida	KFUPM	
		11:20-11:40	Presentation 7: Study of Properties for Unconventional Fracturing Fluids and Field Application for Shale Gas Wells	Du Tao	SINOPEC	
		11:40-12:00	Presentation 8: Mitigation of Barite Sagging During the Drilling of High-Pressure High-Temperature Wells using an Invert Emulsion Drilling Fluid Powder Technology	Salaheldin Elkatatny	KFUPM	

Date		Time	Activity	Speaker	Organization
May 1st	Lunch	12:00-13:30	Lunch		
	Chairman: Dr. Salaheldin Elkatatny	13:30-13:50	Presentation 9: The Chemical Composition and Structure of Material on Pore Surfaces in Skeletal Limestone	Theis Solling	KFUPM
		13:50-14:10	Presentation 10: Occurrence Characteristics and Movable Oil of Continental Shale Oil In BIYANG Sag	Zhang Xinwen	SINOPEC
		14:10-14:30	Presentation 11: Chelating-agent enhanced oil recovery for sandstone and carbonate reservoirs	Khaled Zidan	KFUPM
		14:30-14:50	Coffee Break		
	Chairman: Dr. Keke	14:50-15:10	Presentation 12: Development and Application of the Vibration Absorber Constant Torque Composite Impact Drilling Speed-up Tool	Zhao Chenxi	SINOPEC
		15:10-15:30	Presentation 13: A New Cationic Shale Inhibitor and Water Blocking Agent for Water Based Drilling Fluid	Rahul Gajbhiye	KFUPM
		15:30-15:50	Presentation 14: Automatic detection and imaging of diffractors	Xie Fei	SINOPEC
		15:50-16:10	Presentation 15: Study and Application of Chemical Flooding Relative Permeability Curve in Low Permeable Reservoirs	Yu Hongmin	SINOPEC
	Dr. Dhafer Al-Sheri	16:10-16:30	Conclusion		KFUPM